Australian National Amateur Radio Teleprinter Society
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Here is our Broadcast 978 transmitted earlier today Sunday 28th of September. We transmit on the following frequencies and times :

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  3.545 MHz (Plus/minus 5)   0930 UTC     VK2CTD (COL)
  7.045 MHz  -3              0030 UTC     VK2CTD (COL)
 14.070 MHz (amtor/fec)      0030 UTC     VK2DPM (ALAN)
 14.091 MHz                  0030 UTC     VK2DPM (ALAN)
146.675 MHz             0030/0930 UTC     VK2JPA (PAT)
144.850 MHz (ax25 bbs)                    VK2JPA AT VK2WI
146.675 MHz (rtty mmbbs/repeater)         VK2RTY
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On the Internet at RADIO-INFO-DIST AT UCSD.EDU

Views expressed in this news bulletin are not necessarily those of the Broadcast Officer, the Relay Officers, or of the Society.

A.N.A.R.T.S. News Bulletin 978 28th September 1997

COLS COLUMN

ONE OF THE BEST TIMES TO DO MY THINKING IS WHEN MY LITTLE SYDNEY SILKY TERRIER TAKES ME FOR MY AFTERNOON WALK. ONE DAY DURING THE WEEK, WE PASSED A SMALL CAR PARKED OFF-ROAD ON A NICE PATCH OF GRASS, WITH A FOR SALE NOTICE ON IT. THE CAR THAT IS, NOT THE GRASS. SOMEONE HAD TAKEN A LOT OF TROUBLE WITH CLEANING THE CAR, SO I GAVE IT THE ONCE OVER AND A QUICK SHUFTI INSIDE. COULD'NT HELP NOTICING THE MOBILE PHONE INSIDE. AS WE CARRIED ON WALKING ALONG, FOR THE FIRST TIME I REALISED JUST HOW IMMENSE WAS THE CHANGE IN COMMUNICATIONS IN THE LAST 4 DECADES OR SO.

DURING THE 1950'S I WAS SERVING IN THE RAF AS A WIRELESS OPERATOR/TELEPRINTER OPERATOR, OR TELEGRAPHIST AS WE WERE OFFICIALLY NAMED. FROM 1951 TO 1954 I WAS STATIONED IN SOUTHERN RHODESIA, NOW ZIMBABWE, FOR APPROX 3 YEARS. AS AN EX BOY AIRMAN, ALSO TRAINED IN TELEPHONY, I WAS SOMETIMES CALLED UPON TO DO A SHIFT IN THE TELEPHONE EXCHANGE.

IF ANYONE WANTED TO PLACE A PHONE CALL TO THE U.K. OR FOR THAT MATTER OTHER PLACES IN THE WORLD, THEY ORDERED THE CALL THROUGH THE STATION EXCHANGE AND FOUND THAT A DELAY OF 3 DAYS EXISTED. IT WAS ALWAYS 3 DAYS, AND ONE JUST HAD TO WAIT OUT THE TIME. NOT THAT US MERE MORTALS OF ENLISTED FOLK EVER MADE OVERSEAS CALLS, IT WAS THE 'OFFICERS AND GENTLEMEN' THAT COULD AFFORD SUCH LUXURIES.

3 DAYS, CAN YOU IMAGINE HAVING TO WAIT THAT LONG NOW. WE JUST PICK UP OUR PHONE AND DIAL OUR OWN OVERSEAS NUMBER. BUT BACK THEN EVEN TRUNK CALLS WITHIN YOUR OWN COUNTRY HAD TO GO THROUGH THE LOCAL EXCHANGE AND COULD TAKE SOME TIME BEFORE CONNECTION. IT WASN'T THAT LONG AGO....

THE REASON WE WERE IN SOUTHERN RHODESIA WAS PILOT TRAINING. THE LAST OF THE EMPIRE TRAINING SCHEME FLYING SCHOOLS WERE THERE. OUR ONLY LINK TO THE OUTSIDE WORLD WAS CW TO AN RAF COMMUNICATIONS CENTRE IN THE MIDDLE EAST, SOMEWHERE IN EGYPT. THEY RELAYED OUR TRAFFIC ONWARDS TO THE AIR MINISTRY AND OTHER RAF UNITS IN THE UK. WE HAD TO DO 25 WORDS A MINUTE OR MORE ON

THAT CIRCUIT. WE WERE NEVER QRU, THERE WAS ALWAYS A BACK LOG OF MESSAGES WAITING TO SEND OR RECEIVE, 24 HOURS A DAY.

I WILL NEVER FORGET THE MENTAL AGONY OF RECEIVING MY FIRST CODEDMESSAGE. 5 PAGES OF 500 5 LETTER CODE GROUPS, A 2500 WORD MESSAGE. CODED MESSAGES ALWAYS TOOK LONGER AND AVERAGE SPEED DROPPED TO ABOUT 22 WPM. AT 20 WPM IT TOOK 2 HOURS AND 5 MINS TO RECEIVE ALL FIVE PAGES.

OUR TRANSMITTERS WERE HIGH POWERED SWB8'S. IF ANYONE IS FAMILIAR WITH THEM YOU COULD PERHAPS LET US KNOW THE EXACT MAXIMUM OUTPUT, BUT I SEEM TO REMEMBER WE NORMALLY RUN AT A REDUCED POWER OF ABOUT 4000 WATTS. THE TRANSMITTER ITSELF WAS LOCATED ABOUT 2 MILES FROM THE COMM CENTRE. OUR RECEIVERS WERE THE RCA AR88'S, WONDERFUL RECEIVERS FOR THEIR DAY. PREVIOUS TO SERVING IN RHODESIA, I WAS STATIONED AT A LARGE COMM CENTRE IN ENGLAND FROM ABOUT 1948, ENGAGED IN RTTY CIRCUITS TO SUCH PLACES AS THE MIDDLE EAST, COLUMBO, INDIA AND THE FAR EAST ETC. I STILL FIND IT STRANGE WHEN WE TALK ABOUT RTTY STARTING IN THE 70'S.

FINALLY I WOULD LIKE TO REMIND ALL STATIONS IN NSW AND MAYBE A LITTLE FURTHER, THAT I HAVE MY AMTOR/PACTOR MAILBOX AVAILABLE EACH SUNDAY AFTERNOON. YOU WILL FIND THE CURRENT ANARTS CAST IS AVAILABLE THERE. SO WHY NOT GIVE ME A CALL AMTOR OR PACTOR ON 3542 KHZ FROM ANY TIME AFTER 1 PM UNTIL 6 PM, EST. OR 0100 TO 0600 UTC. MY SELCALL IS VCTD.

THATS ALL FOR NOW 73S AND SEE YOU NEXT TIME DE COL VK2CTD.

IPS WEEKLY SOLAR AND GEOPHYSICAL REPORT
(18 SEPTEMBER -24 SEPTEMBER)

ISSUED 25 SEPTEMBER 1997

SUMMARY

Date	18	19	20	21	22	23	24
10cm	88	88	NA	85	89	92	93
A	14	NA	7	12	10	5 (	4 expected)
T	31	27	41	38	26	39	43

Solar activity was very low 18th to 23rd September; becoming high on 24th with an M5 flare at 0248UT , and an M3 flare at 1106UT. A shortwave fadeout was observed 0253-0305UT at Sydney.

The geomagnetic activity at Learmonth W.A. was quiet on 19th and 23rd; quiet to unsettled on 20th and 24th; quiet to active on 18th, 21st and 22nd.

Maximum usable frequencies were mostly near predicted monthly values. There was a 20 per cent enhancement from 0800 to 1300 UT on 21st September. Spread F was reported on 23rd.

FORECAST (25 SEPTEMBER - 01 OCTOBER)

Solar: Moderate, SWFs can be expected on daylight HF circuits.

Geomagnetic: Minor storming expected 26-27 Sepetember due to M5 flare on 24 September. Then unsettled.

Frequencies: Degraded conditions expected 26 September, depressions expected after local dawn on 27 September. Then returning to normal 28 Sep. to 01 October.

COURTESY OF IPS RADIO AND SPACE SERVICES

IPS IS MOVING

IPS Radio and Space Services Sydney is moving to a new location. From Monday 29 Sep 1997, our contact details will be as follows:

Street Address	Postal Address
Level 10	PO Box 1386
477 Pitt St	Haymarket NSW 1240
Sydney NSW 2000	Australia
Australia	

Telephone and Facsimile Numbers:

General Telephone:	02 9213 8000
General Facsimile:	02 9213 8060
Duty Forecaster Telephone:	02 9213 8010
Prediction Services Telephone:	02 9213 8011
Daily Solar-Geophysical Report:	02 9213 8012

IMPORTANT NOTES:
1) Our Web and Email addresses remain unchanged.

RTDX0919 RTTY DX
VK2SG RTTY DXNOTES FOR WEEKENDING SEPT. 19,1997 (BID RTDX0919)

Our thanks this week go to: ZS5S, W2JGR, WB2CJL, WX5L,W5KSI, AA5AU, WS7I, IK1CJO, IK5GQK, I5IGQ, IK8VRN, DL7VRO, DF2KU, PA0HVF, I1JQJ and the 425 DX gang, OPDX, DJ3IW and the C.Europe DX Cluster DB0SPC the NJ0M Node of Minnesota and the IK5PWJ Cluster.

BANDPASS:
FRIDAY 12
0115-14081 FM5CD
0124-14078 ZP6CC
0132-14084 XEJ
0139-14082 ZP5FGS
0150-14086 HC3AP
0534-14082 5B4AGE
1027-14078 FM5CD
1144-14085 4Z5AV
1258-14080 VK9WY
1307-14087 BU0DX
1409-14086 HS2CRU
1438-14087 CN8KD
1453-14080 VK9WY
1504-14081 SX2THE
1548-14082 5B4AGE
1647-14088 LY1BZB
1658-14083 RW6AW
1659-14082 EA8KG
1948-14083 NP4FW

1954-14080 EM1HO
2051-14080 YV1GYA
2135-14088 ZD7DP
2201-14083 LU9VET
2332-14081 LU6FJZ
2341-14085 EM1HO

SATURDAY 13
0013-14082 EM1HO
0145-14087 9N1RHM
0638-14080 VK9WY qsx up 5
1237-14080 VK9WY
1248-14084 XE1J
1333-14086 HS2CRU
1328-14091 OY4TN qsl via OY4TN
1505-14086 V85GA
1542-14080 AP2TJ
1559-14081 9A50D
1720-14084 ZD7DP
1917-14082 GI0UJG
1658-14089 AP50NK
1705-14088 A71A
1709-14084 ZD7DP
1725-14083 EA8KG
1815-14092 EM1HO
1908-14086 HF0POL
1917-14082 GIOUJG
2124-14079 ZP6CC
2127-14088 ZP6VT
2259-28075 LU6AUM
2357-14084 CX8DX

SUNDAY 14
0021-14084 CX8DX
0207-14085 AP2TJ
0656-14087 YB0ARA/9
0814-14084 ZD7DP
1309-14081 VP5JM
1443-14090 BU0DX
1451-14080 VK9WY
1624-14082 ZA1MH
1628-14088 9N1RHM
1656-14087 SU1GS
1653-14080 AP2TJ
1724-14085 ZD7SM Qsl Box 86 St. Helena
1740-14089 5R8DG
1803-14081 EA8KG
1834-14081 4S7IS
1856-14084 HF0POL
1917-14081 YL2DX
1920-14089 OY4TN
1925-14084 CX8DX
2117-14080 VP8CTR
2232-14084 WA2PIE/KP4
2349-21080 VK9WY

MONDAY 15
0100-21080 VK9WY
0118-14080 VK9WY
0122-14088 HS2CRU
0127-14086 8P6ET
0311-14087 AP2TJ
0309-14081 HK0BZO

1125-21080 VK9WY
1143-14088 EA9/DL6RAI
1431-14082 V85GA
1453-14083 YB4JIM
1523-14077 4S7NR
1610-14085 HS2CRU
1712-14091 BU0DX
1726-14080 VU3BGS
2021-14087 ZD7DP
2131-14087 CM3DM
2158-14080 VK9WY
2244-21080 VK9WY
2331-14081 VP8CTR

TUESDAY 16
0056-21080 VK9WY
0110-14081 VP8CTR
0154-14080 ZP6CC
0848-21080 VK9WY
1015-14086 CT3/DK9IP
1205-21083 VP8CTR
1342-14082 EK6OCM
1515-14081 V85GA
1541-14082 BV0TAR
1545-14083 EX7MA
1623-14081 EA8KG
1602-14089 DU3NXE Qsl via W4NXE
1639-14085 AP2TJ
1655-14085 5H3HG
1655-14081 4S7NR
1851-14086 HS2CRU
1948-14088 CN8KD
2056-14084 NN50CIA fer pfx
2122-14081 GU3HFN
2230-14080 VK9WY
2319-14084 HP1XNH
2221-14083 ZD7DP
2344-14081 EM1HO

WEDNESDAY 17
0133-14085 ZL2BMH
0208-14078 HC1DVE
0210-14080 ZP6CC
0948-14080 VK9WY
1149-14080 VK9WY
1246-21085 CT3/DK9IP
1400-14088 CT3/DK9IP
1440-14083 9N1RHM
1510-14082 UX0KN
1513-14086 VO1XC Iota NA-027
1524-14080 AP2TJ
1742-14085 SU1GS
2109-14080 ZL2BMH
2122-14083 5H1/DL7SVN
2133-14082 EM1HO
2335-28084 LU9EPB
2359- 7046 CE8ABF

THURSDAY 18
0002-14088 EM1HO
0019-14084 CT3/DK9IP
0029-14086 5H3HG
0138-14085 AH6HH

0227-14084 ZP6CC
0240-14085 ZL2BMH
0311-14087 8P6DP
0940-14085 BV0TAR
1146-14084 YI1DX
1157-14087 Z31JA
1254-14081 EX0V
1313-14083 VU2KFR
1313-14086 A45XC
1325-14088 YL2DX
1337-14083 ES7FQ
1351-14083 5B4AA
1407-14080 VK9WY
1517-14090 V85GA
1615-14086 HS2CRU
1624-14087 4S7NR
1631-14081 9M2MW
1657-14083 AP50NK
1707-14079 EA9/DL6RAI
1742-14082 9M2MW
1833-14085 ZD7DP
1849-14084 OD5NJ

NOTE OF INTEREST:

ANGOLA, D2. Mr. Dias, CT4KO, will be active as D2AI from Luanda until September, 1998. Look for him on the following frequencies and modes: SSB - 3797, 7050, 14202, 18165, 21302, 24925 and 28402 kHz. RTTY - 14085, 18102, 21085, 24895 and 28185 kHz

LYBIA, 5A28 and WILLIS, VK9WY. We must surely congratulate both team for their fantastic job done on RTTY knocking off QSO's at very fast rate. Thanks again for the effort from all rttyers and we really wish to those going onto the rare spot could do the same.

The VK2SG RTTY DXNOTES are also available on Internet at reflector digital-dx at st.rim.or.jp. See also the OH2BUA WebCluster at URL
http://www.clinet.fi/(tilde) jukka/rtty.html

For next week's bulletin send your bandpass to Luciano, I5FLN at I5FLN at ZS5S.ZAF.AF or VHF Packet : I5FLN at IK5MEP.ITOS.ITA.EU or via e-mail: i5fln at iol.it

Gl de (DX2) Luciano, I5FLN

SB DX ARL ARLD040
ARLD040 DX news

This week's bulletin was made possible with information provided by Tedd, KB8NW, the OPDX Bulletin, The Daily DX, The 599Rpt, Richard VK2SKY, QRZ DX, DXNS and Contest Corral from QST. Thanks to all.

RWANDA, 9X. Andy, RW3AH, is QRV as 9X0A. QSL to home call.

MOLDOVA, ER. Chris, K4PC, will be QRV as ER0PC Sep 28 until Oct 12 while on missionary work. He hopes to be active on 160 to 40 meters, using CW, SSB and RTTY as time permits. QSL via

K4PC.

ANTARCTICA. Wally, R1ANZ, is active from Mirnyy Base and can be found around 14190 kHz after 0330z. He has also shown up on 40 meters using CW around 1000z. QSL via RU1ZC.

WESTERN SAHARA, S0. S0RASD has been QRV on 20 meters between 1730 and 1800z working into Europe. QSL via EA2JG.

GABON, TR. Jean, TR8XX, is regularly QRV using CW on 40 meters at 0600z. After which, he will QSY to 30 and 20 meters. QSL to home call.

PITCAIRN, VR6. Meralda, VR6MW, has been QRV on 20 meters at 0200z. QSL to home call.

Society information

The Society may be contacted at : PO Box 860, Crows Nest 2065 Australia, for such matters as membership and general enquiries. Enquiries can also be made by packet to the President (Col) VK2CTD at VK2WI, or the Secretary (Pat) VK2JPA at VK2WI.

Email address for the Broadcast Officer is :
patl(at)conmusic.usyd.edu.au or patl(at)mail.users.usyd.edu.au

73s de Pat VK2JPA Broadcast Officer.
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Dave Horsfall (VK2KFU) | dave@esi.com.au | VK2KFU @ VK2KFU.NSW.AUS.OC | PGP 2.6
Opinions expressed are mine. | D8 15 71 F9 26 C8 63 40 5E 63 5C 65 FC A0 22 99